

Serial No. 10/049,469 (Atty. Docket No. 012.P35009)

AMENDMENT TO THE SPECIFICATION

Please consider the specification as follows:

Please insert the heading before paragraph beginning on page 3, line 12 as follows:

PRESENTATION OF THE INVENTION

Please delete the entire heading on page 3, line 28 as follows:

PRESENTATION OF THE INVENTION

Please replace the entire paragraph on page 6, line 9 through line 14 with the following:

For example, it would be possible to work starting from a single QPSK modulation (2 bits per symbol) on symbols with 4 bits per symbol ($q=4$) corresponding to 4 blocks A_i of 2 MOK bits, and using sets of $S=4$ sequences giving a total of 16 sequences which gives $r = \log_2 S = 3$. The number of bits in the addresses will then be equal to $2+2=4$.